

Product Data Sheet

Product Name: CAY10794

Cat. No.: GC52256

Chemical Properties

Cas. No. 1231243-91-6

SMILES O=C(C1=C(C(F)(F)F)OC(C2=CC=CC=C2)=N1)NC3=CC=C(N(CCOC)C)C=C3

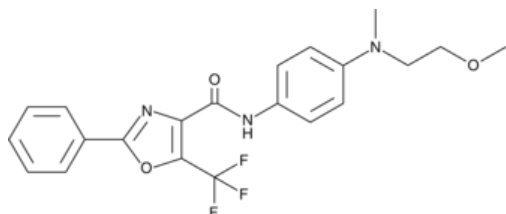
Formula C₂₁H₂₀F₃N₃O₃ M.Wt 419.4

Solubility DMF: 3 mg/ml, DMSO: 2 mg/ml, Ethanol: Slightly soluble, PBS (pH 7.2): 0.2 mg/ml Storage -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

CAY10794 is an inhibitor of diacylglycerol acyltransferase 1 (DGAT-1; IC₅₀ = 0.325 μM).¹

1. Qian, Y., Wertheimer, S.J., Ahmad, M., et al. Discovery of orally active carboxylic acid derivatives of 2-phenyl-5-trifluoromethyloxazole-4-carboxamide as potent diacylglycerol acyltransferase-1 inhibitors for the potential treatment of obesity and diabetes. *J. Med. Chem.* 54(7):2433-2446 (2011)

Caution: Product has not been fully validated for medical applications. For research use only.

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